

## Wollaston Beach, Quincy: Bacterial Water Quality 2018

Bacteria monitoring is conducted by the Massachusetts Dept. of Conservation and Recreation (DCR) during the swimming season. Bacteria samples are collected at several locations along the beach, and the test results are available 24 hours later. High bacteria triggers a swimming advisory and repeated sampling until bacteria meet limits.

Displayed are *Enterococcus* bacteria counts, with high counts in red. The maximum daily limit is **104** counts/100 mL.

A swimming advisory is declared by the DCR for the following day if:

- counts fail to meet 104 counts/100 mL limit at either Sachem and Channing, then these two locations are posted with an advisory;
- OR counts fail to meet 104 counts/100 mL limit at Milton Street or Rice Road, then individual location is posted with an advisory;
- OR if daily rainfall exceeds 0.5 inches for Milton or Rice Road, or 0.25 inches for Sachem or Channing locations;
- OR if the 5-day running geometric mean exceeds 35 counts/100 mL (geometric mean of the previous 5 days' samples).

Daily rainfall totals from Logan Airport, National Weather Service raingauge

All results are in counts/100 mL and testing is performed by DCR.

Spreadsheets are updated weekly if not sooner.

Swimming advisories will be issued due to either high *Enterococcus* counts or heavy rainfall.

**Weekly sampling by DCR began May 25, 2018; daily sampling began June 5, 2018. Sampling ended September 2, 2018.**

	Daily Rainfall (in.)	Milton Street	Channing Street	Sachem Street	Rice Road
May 25, 2018	0	10	2	<2	2
May 31, 2018	0	<2	2	<2	<2
June 1, 2018	0.01	<2	<2	<2	<2
June 5, 2018	0.34	40	79	54	106
June 6, 2018	0				323
June 7, 2018	0	2	8	2	<2
June 8, 2018	Trace	10	13	2	8
June 9, 2018	0	<2	7	<2	<2
June 10, 2018	0	2	2	32	2
June 11, 2018	0	2	28	<2	<2
June 12, 2018	0	2	<2	2	<2
June 13, 2018	Trace	<2	2	2	<2
June 14, 2018	0	<2	22	<2	4
June 15, 2018	Trace	79	22	10	13
June 16, 2018	0	13	2	<2	<2
June 17, 2018	0	38	20	4	<2
June 18, 2018	0.13	<10	<10	<10	<10
June 19, 2018	0.01	20	41	10	<10
June 20, 2018	0	1495	<10	10	<10
June 21, 2018	0	10	4	10	2
June 22, 2018	0	10	22	2	<2
June 23, 2018	Trace	20	10	<10	10
June 24, 2018	0.26	63	10	<10	<10
June 25, 2018	0.33	52	934	9804	857
June 26, 2018	0	20	20	10	10
June 27, 2018	0.09	<10	<10	<10	20
June 28, 2018	1.16	>2600	13	2	<2
June 29, 2018	0	23	12	12	<2
June 30, 2018	0	<10	10	41	10
July 1, 2018	0	10	<10	41	20
July 2, 2018	0	<10	52	52	<10
July 3, 2018	0.01	<10	<10	<10	<10
July 4, 2018	0	<10	<10	<10	10
July 5, 2018	0	<2	<2	5	4
July 6, 2018	0.35	10	2	4	15
July 7, 2018	0	10	<10	10	20
July 8, 2018	0	<10	<10	10	<10
July 9, 2018	0	<10	<10	<10	<10
July 10, 2018	Trace	30	10	30	63
July 11, 2018	0.19	5172	6131	1223	<10
July 12, 2018	0	8	27	86	3
July 13, 2018	0	13	6	6	2
July 14, 2018	0.31	14	30	8	2
July 15, 2018	0.01	3	4	25	<2
July 16, 2018	0	10	10	41	<10
July 17, 2018	2.68	<10	<10	10	10
July 18, 2018	0.06	31	63	74	228
July 19, 2018	0	2	4	24	25
July 20, 2018	0	20	6	4	<2
July 21, 2018	0	10	10	20	<10
July 22, 2018	0.17	41	31	20	<10
July 23, 2018	0.03	85	10	<10	<10
July 24, 2018	0	10	20	20	<10
July 25, 2018	0.14	52	<10	20	30
July 26, 2018	0.6	8	16	8	<2
July 27, 2018	0	16	24	56	<2
July 28, 2018	0	<10	<10	<10	<10
July 29, 2018	0	<10	20	10	<10
July 30, 2018	0	20	10	31	<10
July 31, 2018	0	<10	10	10	10
August 1, 2018	Trace	10	<10	<10	10
August 2, 2018	Trace	2	<2	7	<2
August 3, 2018	0.06	8	7	2	2
August 4, 2018	0.64	10	20	<10	<10
August 5, 2018	0	31	97	86	121
August 6, 2018	0	<10	85	108	20
August 7, 2018	0	10	<10	10	20
August 8, 2018	0.98	<10	10	10	<10
August 9, 2018	0.06	22	76	68	23
August 10, 2018	0	37	143	41	16
August 11, 2018	0.39	20	246	132	31
August 12, 2018	1.38	608	777	1470	400
August 13, 2018	0.29	65	129	144	24
August 14, 2018	0.01	60	5	8	<2
August 15, 2018	0	30	10	10	<10
August 16, 2018	0	32	12	300	10
August 17, 2018	0.2	8	27	13	13
August 18, 2018	0.13	10	<10	20	<10
August 19, 2018	0.01	404	275	74	20
August 20, 2018	0	98	86	31	10
August 21, 2018	0	30	63	<10	10
August 22, 2018	0.5	<10	10	<10	51
August 23, 2018	Trace	25	75	94	137
August 24, 2018	0	<2	10	30	2
August 25, 2018	0	20	10	10	20
August 26, 2018	0	<10	31	<10	10